



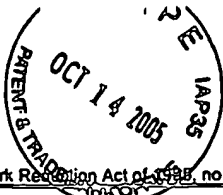
IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Richard Stoltz et al.
SERIAL NO.: 10/849,585
FILED: May 19, 2004
TITLE: Scanned Small Spot Ablation with a High-Rep-Rate
EXAMINER: Ahmed M. Farah
GROUP ART UNIT: 3739
ATTY.DKT.NO.: PA3070US

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List of Co-Pending Patent Applications That May Be Directed
Towards Similar Subject Matter

Examiner's Initials	Serial Number	First-Named Inventor	Title	Filing Date
A	10/916,368	Richard Stoltz	Pulse Energy Adjustment for Changes in Ablation Spot Size	8/11/2004
	10/916,365	Richard Stoltz	Ablative Material Removal with a Preset Removal Rate or Volume or Depth	8/11/2004
	10/850,325	Richard Stoltz	Controlling Temperature of an Optical Amplifier by Controlling Pump Diode Current	5/19/2004
	11/057,867	Michael Mielke	Method of Generating an Ultra-Short Pulse Using a High-Frequency Ring Oscillator	2/13/2005
	11/057,868	Michael Mielke	Amplifying of high Energy Laser Pulses	2/13/2005
	11/224,867	Peter Delfyett	Laser Ablation Method and Apparatus Having a Feedback Loop and Control Unit	9/12/2005
	11/233,634	James F. Brennan, III	Wavelength-Stabilized Pump Diodes for Pumping Gain Media in an Ultrashort Pulsed Laser System	9/22/2005
	11/112,256	James F. Brennan, III	Bragg Fibers in Systems for the Generation of High Peak Power Light	4/22/2005
Examiner's Signature:				Date 3/5/06



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/849,585
Filing Date	May 19, 2004
First Named Inventor	Richard Stoltz
Art Unit	3739
Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

Sheet 1 of 10

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A		US- 3808549	04-30-1974	Maurer	
		US- 3963953	06-15-1976	Thomton, Jr.	
		US- 4750809	06-14-1988	Kafka et al.	
		US- 4815079	03-21-1989	Snitzer et al.	
		US- 4824598	04-25-1989	Stokowski	
		US- 4829529	05-09-1989	Kafka	
		US- 4913520	04-03-1990	Kafka	
		US- 4972423	11-20-1990	Alfano et al.	
		US- 5162643	11-10-1992	Currie	
		US- 5166818	11-24-1992	Chase et al.	
		US- 5187759	02-16-1993	DiGiovanni et al.	
		US- 5237576	08-17-1993	DiGiovanni et al.	
		US- 5265107	11-23-1993	Delfyett, Jr.	
		US- 5291501	03-01-1994	Hanna	
		US- 5302835	04-12-1994	Bendett et al.	
		US- 5313262	05-17-1994	Leonard	
		US- 5400350	03-21-1995	Galvanauskas	
		US- 5414725	05-09-1995	Fermann et al.	
		US- 5430572	07-04-1995	DiGiovanni et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
A		JP 2003181661 A	07-02-2003	NEC CORP		

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		Number-Kind Code ² (if known)			
A		US- 5440573	08-08-1995	Fermann	
		US- 5450427	09-12-1995	Fermann et al.	
		US- 5479422	12-26-1995	Fermann et al.	
		US- 5489984	02-06-1996	Hariharan et al.	
		US- 5499134	03-12-1996	Galvanauskas et al.	
		US- 5517043	05-14-1996	Ma et al.	
		US- 5585652	12-17-1996	Kamasz et al.	
		US- 5585913	12-17-1996	Hariharan et al.	
		US- 5596668	01-21-1997	DiGiovanni et al.	
		US- 5602677	02-11-1997	Toumols	
		US- 5617434	04-01-1997	Tamura et al.	
		US- 5627848	05-06-1997	Fermann et al.	
		US- 5633750	05-27-1997	Nogiwa et al.	
		US- 5633885	05-27-1997	Galvanauskas et al.	
		US- 5663731	09-02-1997	Theodoras, II et al.	
		US- 5677769	10-14-1997	Bendett	
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		US- 5701319	12-23-1997	Fermann	

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		Number-Kind Code ² (if known)			
AT		US- 5703639	12-30-1997	Farrier et al.	
		US- 5708669	01-13-1998	DiGiovanni et al.	
		US- 5710424	01-20-1998	Thoedoras, II et al.	
		US- 5778016	07-07-1998	Sucha et al.	
		US- 5818630	10-06-1998	Fermann et al.	
		US- 5822097	10-13-1998	Tournols	
		US- 5847863	12-08-1998	Galvanauskas et al.	
		US- 5862287	01-19-1999	Stock et al.	
		US- 5867304	02-02-1999	Galvanauskas et al.	
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		US- 5920668	07-06-1999	Uehara et al.	
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		US- 5936716	08-10-1999	Pinsukanjana et al.	
		US- 6014249	01-11-2000	Fermann et al.	
		US- 6020591	02-01-2000	Harter et al.	
		US- 6034975	03-07-2000	Harter et al.	
6		US- 6061373	05-09-2000	Brockman et al.	

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Sheet

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Art Unit	3739
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		Number-Kind Code ² (if known)			
P		US- 6072811	06-06-2000	Fermann et al.	
		US- 6075588	06-13-2000	Pinsukanjana et al.	
		US- 6081369	06-27-2000	Waarts et al.	
		US- 6151338	11-21-2000	Grubb et al.	
		US- 6154310	11-28-2000	Galvanauskas et al.	
		US- 6181463 B1	01-30-2001	Galvanauskas et al.	
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		US- 6252892 B1	06-26-2001	Jiang et al.	
		US- 6256328 B1	07-03-2001	Delfyett et al.	
		US- 6269108 B1	07-31-2001	Tabirian et al.	
		US- 6275512 B1	08-14-2001	Fermann	
		US- 6314115 B1	11-06-2001	Delfyett et al.	
		US- 6327074 B1	12-04-2001	Bass et al.	
		US- 6327282 B2	12-04-2001	Hammons et al.	
	US- 6334011 B1	12-25-2001	Galvanauskas et al.		
	US- 6335821 B1	01-01-2002	Suzuki et al.		
	US- 6404944 B1	06-11-2002	Wa et al.		

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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>	<h3 style="text-align: center; margin: 0;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 60%;">Application Number</td><td>10/849,585</td></tr> <tr><td>Filing Date</td><td>May 19, 2004</td></tr> <tr><td>First Named Inventor</td><td>Richard Stoltz</td></tr> <tr><td>Art Unit</td><td>3739</td></tr> <tr><td>Examiner Name</td><td>Ahmed M. Farah</td></tr> <tr><td>Attorney Docket Number</td><td>PA3070US</td></tr> </table>	Application Number	10/849,585	Filing Date	May 19, 2004	First Named Inventor	Richard Stoltz	Art Unit	3739	Examiner Name	Ahmed M. Farah	Attorney Docket Number	PA3070US
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		Number-Kind Code ² (if known)			
A		US- 6421169 B1	07-16-2002	Bonnedal et al.	
		US- 6433760 B1	08-13-2002	Vaissie et al.	
		US- 6501590 B2	12-31-2002	Bass et al.	
		US- 6522460 B2	02-18-2003	Bonnedal et al.	
		US- 6525873 B2	02-25-2003	Gerrish et al.	
		US- 6526327 B2	02-25-2003	Kar et al.	
		US- 6529319 B2	03-04-2003	Youn et al.	
		US- 6549547 B2	04-15-2003	Galvanauskas et al.	
		US- 6567431 B2	05-20-2003	Tabirian et al.	
		US- 6576917 B1	06-10-2003	Silfvast	
		US- 6580553 B2	06-17-2003	Kim et al.	
		US- 6603911 B2	08-05-2003	Fink et al.	
		US- 6642477 B1	11-04-2003	Patel et al.	
		US- 6647031 B2	11-11-2003	Delfyett et al.	
		US- 6654161 B2	11-25-2003	Bass et al.	
		US- 6661816 B2	12-09-2003	Delfyett et al.	
	US- 6671298 B1	12-30-2003	Delfyett et al.		
	US- 6690686 B2	02-10-2004	Delfyett et al.		
	US- 6723991 B1	04-20-2004	Sucha et al.		

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A		US- 6728439 B2	04-27-2004	Weisberg et al.	
		US- 6735229 B1	05-11-2004	Delfyett et al.	
		US- 6738144 B1	05-18-2004	Dogariu	
		US- 6744555 B2	06-01-2004	Galvanauskas et al.	
		US- 6774869 B2	08-10-2004	Biocca et al.	
		US- 6782207 B1	08-24-2004	Elimov	
		US- 6788864 B2	09-07-2004	Ahmad et al.	
		US- 6801551 B1	10-05-2004	Delfyett et al.	
		US- 6807375 B2	10-19-2004	Dogariu	
		US- 6819694 B2	11-16-2004	Jiang et al.	
		US- 6822251 B1	11-23-2004	Arenberg et al.	
		US- 2002/0176676 A1	11-28-2002	Johnson et al.	
		US- 5656186	08-12-1997	Mourou et al.	
		US- 6303903 B1	10-16-2001	Liu	
		US- 6355908 B1	03-12-2002	Tatah et al.	
		US- RE37585 E	03-19-2002	Mourou et al.	
		US- 6362454 B1	03-26-2002	Liu	
		US- 6365869 B1	04-02-2002	Swain et al.	
	US- 6433303 B1	08-13-2002	Liu et al.		

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STATEMENT BY APPLICANT

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Sheet 7

of 10

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Application Number	10/849,585
Filing Date	May 19, 2004
First Named Inventor	Richard Stoltz
Art Unit	3739
Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6433305 B1	08-13-2002	Liu et al.	
		US- 6574024 B1	06-03-2003	Liu	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
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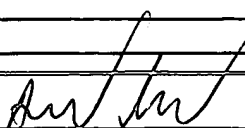
Application Number	10/848,585
Filing Date	May 19, 2004
First Named Inventor	Richard Stoltz
Art Unit	3739
Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

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		Number-Kind Code ² (if known)			
A		US- 6156030	12-05-2000	Neev	
		US- 6878900 B2	04-12-2005	Corkum et al.	
		US- 5572358	11-05-1996	Gabl et al.	
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Filing Date	May 19, 2004
First Named Inventor	Richard Stoltz
Art Unit	3739
Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

Sheet 9 of 10

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2005/0065502 A1	03-24-2005	Stoltz	
		US- 2005/0177143 A1	08-11-2005	Bullington et al.	
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		US- 2005/0077275 A1	04-14-2005	Stoltz	
		US- 2005/0195726 A1	09-08-2005	Bullington et al.	
		US- 2005/0171518 A1	08-04-2005	Stoltz et al.	
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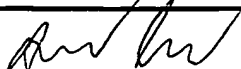
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		First Named Inventor	Richard Stoltz
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		Examiner Name	Ahmed M. Farah
Sheet 10	of 10	Attorney Docket Number	PA3070US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
A		YEH et al., "Theory of Bragg Fiber", Journal of the Optical Society America, September 1978, pp. 1196, Vol. 68, No. 9.	
		ENGNESS et al., "Dispersion Tailoring and Compensation by Modal Interactions in Omniguide Fibers," Optics Express, May 19, 2003, pp. 1175-1196, Vol 11, No. 10.	
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		DASGUPTA, S. et al., "Design of Dispersion-Compensating Bragg Fiber with an Ultrahigh Figure of Merit," Optics Letters, August 1, 2005, Vol. 30, No. 15, Optical Society of America.	
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Examiner Signature		Date Considered	8/15/06
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